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E. J. Pencoske
Attorney for Applicant

Date: May 21, 2004

Application No. : 10/672,442
Applicant : Aladahalli, et al.
Filed : 26 September 2003
TC/A.U. : 2121
Examiner : Not Yet Assigned

Atty. Docket No. : DB001050-001
Customer No. : 24122

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Enclosed for filing in the above-captioned application, please find the following:

- An Information Disclosure Statement;
- Form PTO/SB/08A;
- Form PTO/SB/08B;
- 7 cited references; and
- a copy of the International Search Report.

Also enclosed is a return postcard. Please date stamp and mail the postcard in order to acknowledge receipt of the above-reference correspondence. The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A duplicate copy of this transmittal is enclosed.

Respectfully submitted,

E. J. Pencoske

Edward L. Pencoske
Reg. No. 29,688
Thorp Reed & Armstrong, LLP
One Oxford Centre
301 Grant Street, 14th Floor
Pittsburgh, Pennsylvania 15219-1425
Tel.: 412/394-7789
Fax: 412/394-2555
Attorney for Applicant

Dated: May 21, 2004



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Alexandria, VA 22313-1450

Information Disclosure Statement

Sir:

Pursuant to the provisions of 37 CFR §§1.56 and 1.97-98, enclosed herewith is:

- ☒ Form PTO/SB/08A
- ☒ Form PTO/SB/08B

listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is "prior art" to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability as defined in 37 CFR §1.56, or that no other material information exists, and shall not be construed as an admission against applicant(s) interest in any manner.

The Information Disclosure Statement submitted herewith is being filed pursuant to:

☐ 37 C.F.R. §1.97(b)(1); no fee is required;
OR

☐ 37 C.F.R. §1.97(b)(2); no fee is required;
OR

☒ 37 C.F.R. §1.97(b)(3); no fee is required;
OR

☐ 37 C.F.R. §1.97(b)(4); no fee is required;
OR

☐ 37 C.F.R. §1.97(c);
AND either

☐ The fee set forth in §1.17(p) is attached; OR

Applicant certifies pursuant to 37 CFR §1.97(e) that:

☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR

☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated under 37 CFR §1.56(c) more than three months prior to the filing of this statement;


OR

- ☐ 37 C.F.R. §1.97(d); the fee set forth in §1.17(p) is attached,
AND
- ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated under 37 CFR §1.56(c) more than three months prior to the filing of this Statement.

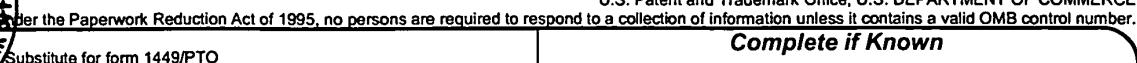
Applicant respectfully requests that the listed references be considered by the Examiner, and that the Examiner acknowledge consideration of these references by initialing and returning a copy of the attached form(s) with the next Official Action. A copy of the International Search Report is enclosed for the convenience of the Examiner.

Respectfully submitted,

Dated: 21 May 04



Edward L. Pencoske
Reg. No. 29,688
Thorp Reed & Armstrong, LLP
One Oxford Centre, 14th Floor
301 Grant Street
Pittsburgh, Pennsylvania 15219-1425
Tel.: 412/394-7789
Fax: 412/394-2555



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet	1	of	1
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Complete if Known

Application Number	10/672,442
Filing Date	September 26, 2003
First Named Inventor	Aladahalli, et al.
Art Unit	2121
Examiner Name	Not Yet Assigned
Attorney Docket Number	DB001050-001

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

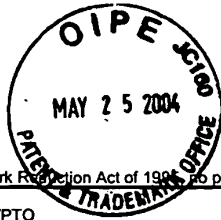
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

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Art Unit	2121
Examiner Name	Not Yet Assigned
Attorney Docket Number	DB001050-001

Sheet	1	of	1
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	✓	2001 Graduate Student Technical Conference Masters Presentations Schedule, CMU Mechanical Engineering Web Site, 4/20/2001, pg. 1-8	
	✓	J. CAGAN, et al., A survey of computational approaches to three-dimensional layout problems, July 2002, pgs. 597-611, vol. 34, no. 8, Elsevier	
	✓	M. UPTON, et al., Integrated Placement for Mixed Macro Cell and Standard Cell Designs, 1990, IEEE, pg. 32-35	
	✓	J. CAGAN, et al., A simulated annealing-based algorithm using hierarchical models for general three-dimensional component layout, Sept. 1998, pg. 781-790, vol. 30	
		C. ALADAHALLI, et al., A Sensitivity-Based Pattern Search Algorithm for 3D Component Layout, 2002, ASME, pg.839-848, vol. 2	
		S. KATKOORI, et al., RT-level Interconnect Optimization in DSM Regime, IEEE, April 27, 2000, pgs. 143-148	
		V. TORCZON, et al., From Evolutionary Operation to Parallel Direct Search: Pattern Search Algorithms for Numerical Optimization, Proceedings of the 29th Symposium on the	
		Interface, Computer Science and Statistics, May 14, 1997, pgs. 396-401, vol. 29, no. 1	

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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